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Lenovo

Don’t let legacy devices compromise your SAN

Upgrade to the Lenovo ThinkSystem DB710S today

The Brocade 300 (Lenovo B300) SAN Switch reached End-of-Support (EOS) March 2024. The Brocade 6505 (Lenovo B6505) has reached End-of-Availability (EOA) with a Fabric OS® (FOS) EOA date of April 2023 and will reach EOS in April 2025. With the current support situations for these two switches, now is the time to start the upgrade process to the Lenovo DB710S Fibre Channel Switch.

Brocade 300 Switch EOS: **March 31, 2024**
Brocade 6505 Switch EOS: **April 30, 2025**

Besides the increased risk of downtime, halt on enhancements and a lack of security updates after EOL, maintaining aging networking infrastructure in your data center may be riskier than you expect. Older technology was not designed to handle the demands of next-gen servers and storage arrays, which can result in capacity overloads, traffic bottlenecks and security exposures. Even if you have 16G switches still covered by a support contract until early 2025, the risk of hardware failing increases over time due to the effects of heat, vibration, and dust. More importantly, FOS EOA products are not able to run the latest versions of firmware, exposing your data center to security vulnerabilities.

If you are running Brocade 300 or 6505 Switches in your data center, you need to take action to safeguard the ongoing security and availability of your critical applications. By refreshing these leagcy switches with the DB710S switches, organizations will benefit from a faster, more intelligent, and more resilient network with lower latency, predictable performance and autonomous SAN technology. Upgrading to the Lenovo DB710S Switch provides access to the latest versions of Fabric OS (FOS), ensuring that critical features are in place to strengthen your network security for protection against threats and cyber attacks.

What happens at Fabric OS® EOA?

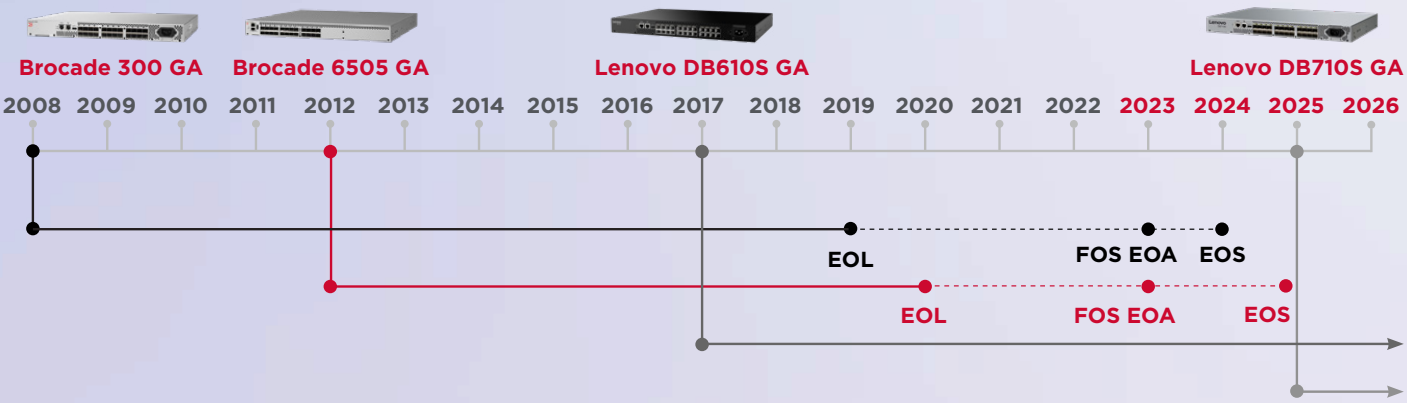
Brocade engineering identifies hundreds of security threats every year and provides patches to address these vulnerabilities. The 6505 and 300 Switches are well past their FOS EOA date, at which point no further scheduled releases of FOS with bug fixes or improvements are made available for these switches. More importantly, scheduled FOS patches for any recent security vulnerabilities will also not be available, compromising the security profile of the entire SAN environment and leaving your data exposed.

What does EOS mean?

Lenovo and Brocade will not support or troubleshoot products that are EOS. For customers running a multiple-device fabric, if the Technical Assistance Center (TAC) confirms that an EOS product is in the SAN, TAC will not troubleshoot the SAN until the EOS product has been removed. Additionally, EOS products are no longer entitled to access software updates, bug fixes, or patches on the Lenovo-Brocade software portal.

Your switches might be older than you think

Brocade 300 is 15 years old; Brocade 6505 is 11 years old



What are the risks if you wait to upgrade?

Reliability issues

Over time, heat, vibration, and dust impact hardware reliability, which could cause disruptions or failures.

Interoperability issues

When connecting to legacy SAN products, new servers and storage may not be compatible, may be limited to a subset of their features, or you may not see their full performance.

Security vulnerabilities

Patches for any recent security vulnerabilities will end, leaving your data exposed and resulting in potential financial and legal ramifications. You should not run missioncritical workloads on unpatched data center infrastructure.

Performance impact

EOL infrastructure can impede the performance capabilities of evolving workloads and NVMe based storage. Gen 5 was released 10 years ago and was not designed for the demands of next-gen storage.

It’s time to modernize your storage network

Your investment in the reliability and security of Fibre Channel in Brocade 300 and 6505 switches has yielded the most important return: high availability of your data. Now that FOS EOA and EOS are here, it is time to migrate to switches that provide affordable SAN connectivity as well as the reliability you have come to expect.

Lenovo ThinkSystem DB710S Switches fulfill demands for reliability and data integrity at a price point that eases the transition to newer technology. The Lenovo ThinkSystem DB710S Switch provides a longer usable life and lower vulnerability risk with security updates to strengthen the level of security in your network.

Modernizing your storage network with the Lenovo ThinkSystem DB710S Switch can help take the pain out of protecting and managing your data center. With automated administrative routines and processes, you will see dramatic savings in time typically spent troubleshooting issues, optimizing application performance, and maintaining high levels of security.

Plus, the Lenovo ThinkSystem DB710S Switch works with older generations of Fibre Channel while allowing you to run flash and NVMe storage, so you can migrate to the SAN of the future at your own pace. It is time to protect your data and retire the legacy devices in your data center with the Lenovo ThinkSystem DB710S Switch.

Why should you upgrade?

Reliability
Rely on a robust network that keeps running, no matter what, with six nines availability and integrated VM sensors, monitoring, and diagnostics that provide insights on what is happening in your SAN to ensure operational stability.

Simplicity
Simplify management with easy-to-use tools that help you manage a single switch or your whole fabric at once, from deployment to configuration and direct hands-on management.

Security
Increase security for critical data and lower vulnerability risks.

Lifetime warranty
Protect your investment with the industryfirst lifetime warranty, a long service life, and better TCO than either the Brocade 300 or the Brocade 6505.

Performance
Support more applications and VMs per switch, while optimizing performance for NVMe.

Upgrade to the Lenovo ThinkSystem DB710S Switch today

Modernizing ensures high levels of reliability, security, and connectivity to high-performance storage. Choose the platform that will be available for years to come.

Features	Brocade 300 / Lenovo ThinkSystem B300	Brocade 6505 / Lenovo ThinkSystem B6505	Brocade G610 / Lenovo ThinkSystem DB610S	Brocade G710 / Lenovo ThinkSystem DB710S
Maximum supported speed	8G	16G	32G	64G
Latency	700 ns	<780 ns	<780 ns	460 ns
Port Count	24 ports	24 ports	24 ports	24 ports
Typical Power	57 watts	80 watts	77 watts	85 watts
Trusted FOS, Secure Licensing	–	–	–	Included
Hardware-Based Root of Trust, Secure Boot, Secure Objects	–	–	–	Included
Forward Error Correction (FEC)	–	Increased transmission reliability	Included	Included
Fabric Vision	–	Optional	Optional	Included
ISL Trunking	Optional	Optional	Optional	Included
Extended Fabrics	Optional	Optional	Optional	Included
I/O Insight Latency Monitoring	–	–	–	Included with NVMe metrics
VM Insight	–	–	VMID	VMID+
Traffic Optimizer	–	–	–	Included
Congestion Management	–	–	–	Included
Lifetime Warranty	–	–	Included	Included
Product Availability	EOL: October 16, 2018 FOS EOA: April 16, 2023 EOS: April 16, 2024	EOL: October 31, 2019 FOS EOA: April 30, 2023 EOS: April 30, 2025	Available since March 2017	Available from January 15, 2025

Visit the Lenovo ThinkSystem DB710S Product Guide

Visit us

Set up a call today to discuss your specific needs with our data experts

Contact us